Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 10 Sep 2021 until 23:59 on Saturday 11 Sep 2021

Forecast Issued on Thursday 09 Sep 2021 at 14:21

Confidence: High for rather cloudy and occasionally wet weather through Friday and at first on Saturday. There is significant uncertainty in the extent of cloud cover from Sunday onwards.

Headline for Friday 10 Sep 2021: Persistent low cloud with further showers or thunderstorms. Brighter by afternoon.

Mountain weather hazards on Friday 10 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG		FOG	MIST				FOG
Fog	Drizzle	Fog	Mist	Cloudy	Heavy rain showers	Cloudy	Fog
Precipitation probability							
20%	40%	30%	30%	20%	50%	30%	10%

Forecast for Friday 10 Sep 2021

Weather: A mix of conditions expected through the day, the morning being dominated by extensive low cloud shrouding the summits, as well as some spells of rain. This cloud will tend to break into the afternoon to give some bright or sunny spells as well as the risk of a few sharp showers developing, with a low chance of these turning thundery. Cloud tending to thicken and lower through evening, but some eastern foothills should stay clear.

Chance of cloud free mountain/hill tops above 600m: 10%, improving 40% through afternoon.

Visibility: Extensive cloud above 400m is expected through most of the morning for all areas, this leading to visibility of only a few hundred metres. Rather hazy below this level too. Cloud will lift to 500 or above through afternoon and break, somewhat erratically. Sharp showers may limit visibility to nearby slopes.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 10 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 SW	13/16 SW	11/14 SW	10/14 SW	10/14 SW	10/14 W	10/14 W	11/16 W	14/20 W
300	8/13 SW	9/14 SW	7/12 SW	8/12 SW	8/12 SW	7/11 SW	7/12 W	7/11 W	9/14 SW
Valley	5/10 SW	6/12 SW	6/11 SW	6/11 SW	6/11 SW	5/10 W	6/13 W	4/10 W	6/13 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	14/12	13/12	14/12	15/13	15/14	14/13	13/12	13/11
300	16/16	16/15	15/15	16/15	17/16	18/17	17/16	16/15	15/14
Valley	16/17	16/16	16/16	16/16	18/18	19/19	17/17	16/16	16/15
Freezing Level*	3100m	3100m	3100m	3000m	3100m	3000m	3000m	3000m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Prepare for poor visibility in the hills through the day as the afternoon improvement is a little uncertain. Be aware of the risk of thunderstorms.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 09 Sep 2021	0mm	0mm	0.2mm

Forecast for Saturday 11 Sep 2021

Weather: Cloudy through the early hours and much of the morning but a more reliably bright and dry afternoon looks likely with some pleasant spells of sunshine. There is still some uncertainty over the timing of this transition, however. Dry and often clear through evening.

Maximum wind: West 20-25mph.

Chance of cloud free mountain/hill tops above 600m: Virtually no chance through morning, improving 80% through afternoon.

Visibility: Widely dull and hazy on lower levels through morning with extensive cloud above 400m bringing fog conditions to the hills, as well as some drizzly spells. A gradual improvement is expected through the middle of the day with far reaching views on offer by mid to late afternoon.

Temperature: **Valleys:** Plus 15 Celsius rising to 20 Celsius.
At 600m: Around plus 13 Celsius.
Freezing level: Well above summits.

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